IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended) A method for drawing an optical fiber from an optical-fiber preform, the method comprising:

a step of heating one end of the optical-fiber preform for melting and drawing the end of the optical-fiber preform;

a first spin-forming step, located at the fabrication stage of the drawing process for applying a first predetermined spin to the optical-fiber drawn from the optical fiber preform via a first wheel in a first predetermined direction that is perpendicular to a direction in which the optical-fiber preform is drawn, so that a central axis of the optical-fiber preform coincides with a tilt axis of the first wheel inclined at a predetermined initial angle θ_i wherein the optical fiber ~~first wheel~~ is twisted in a clockwise or counter clockwise direction perpendicular to the direction of the optical-fiber preform and;

a second spin-forming step, located at the fabrication stage of the drawing process for applying a second predetermined spin to the optical-fiber via a second wheel in a second predetermined direction according to a predefined spin function wherein the second wheel swings between a vertical inclination angle θ_{s1} and a vertical angle θ_{s2} with reference to the optical-fiber-drawing axis so disposed as to provide a second twist.

2. (Previously Amended) The method as claimed in claim 1, wherein the first and second twists have different numbers of turns in the first and second spin-forming steps.

3. (Previously Amended) The method as claimed in claim 1, wherein the optical-fiber preform is subjected to the first and second spin-forming steps according to the following equation:

$$S(z) = \alpha_0 Sin(2\pi f_0) + n\alpha,$$

where $S(z)$ represents a spin function, α_0 represents a spin amplitude in turns/meter, f_0 represents the center frequency, and α represents the spin rate in turns/meter and n represents the number of twists.

4. (Original) The method as claimed in claim 3, wherein the first spin-forming step is performed according to the term defined by: $n\alpha$ of the *S(z)* equation.

5. (Original) The method as claimed in claim 3, wherein the second spin-forming step is performed according to the term defined by: $\alpha_0 Sin(2\pi f_0)$ of the *S(z)* equation.

Reconsideration of the above-identified application in view of the following remarks is respectfully requested.

Claim 1 has been amended to accurately defined the twisting of occurring in the present invention in on the **optical-fiber perform** not the *first wheel* is twisted in a clockwise or counter clockwise direction perpendicular to the direction of the optical-fiber preform (Page 7, line 15 to 17 and page 8, line 13 to 18).

Claim 1 has also been amended to reflect that the first and second spin-forming step, **located at the fabrication stage of the drawing process** (Page 2, line 12-13).

Applicants respectfully request entry of the foregoing amendment into the file history of the above-identified Application being filed herewith. Early and favorable action on the pending set of Claims is earnestly solicited.

Respectfully submitted,

By: Steve S. Cha
Attorney for Applicant

Date: October 13, 2006

Registration No. 44,069
Steve S. Cha, Reg. No. 44,069
Cha & Reiter
210 Route 4 East, #103
Paramus, NJ 07652
Telephone: (201) 226-9245
Facsimile: (201) 226-6246

Certificate of Mailing Under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Mail Stop RCE, COMMISSIONER FOR PATENTS, P.O. Box 1450, ALEXANDRIA, VA. 20231-1450 on October 13, 2006.

Steve Cha, Reg. No. 44,069
(Name of Registered Rep.)

(Signature and Date)